

ESSFN Hands On Courses

Stereotactic & Functional Neurosurgery Fundamentals



11-13 May, 2015 Lausanne SWITZERLAND



Organized by J. Bloch, S. Chabardes, A. Franzini, A. Goncalves-Ferreira, J. Guridi, J. Regis, D. Sakas, M. Sceratti, G. Schechtmann, R. Schuurman, L. Zrinzo.

**BASIC METHODOLOGICAL ASPECTS
NEUROSURGERY FOR PSYCHIATRIC DISORDERS**

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11-13 MAY 2015 : LAUSANNE

BASIC METHODOLOGICAL ASPECTS NEUROSURGERY FOR PSYCHIATRIC DISORDERS

DAY 1 11 MAY 2015

HOW TO DO AND EVALUATE RESEARCH IN FUNCTIONAL NEUROSURGERY.

- 08:00** Introduction of the course. *J. Bloch*
08:05 ESSFN Historical perspective. *D.Sakas*
- GENERAL**
- 08:20** How to start research. *J. Bloch*
08:40 How to find financial resources. *J. Bloch*
09:00 How to design a project. *L. Zrinzo*
09:30 Ethical aspects of conducting research. *A. Franzini*
- 10:00** COFFEE BREAK
- 10:30** Statistics : how to read most popular stats. *JF. Knebel*
11:30 Critical reading and discussion. *JF. Knebel*
- 12:30** LUNCH
- 13:30** How to write a manuscript. *J. Regis*
14:00 How to review a manuscript. *J. Bloch*
- 14:30** **CLINICAL RESEARCH**
- Pilot study : When and how, limits
 - Phase 2 studies : sampling, designs (double blind, placebo etc)
 - Multi centric studies. *S. Chabardes*
- 15:30** COFFEE BREAK
- 16:00** **ELEKTA HANDS ON**
- 16:30** Interactive: together we imagine a project. *L. Zrinzo, K. Matthews*
- 18:00** **END OF FIRST DAY**

DAY 2**12 MAY 2015****NEUROSURGERY FOR PSYCHIATRIC DISORDERS**

- 08:30 History of Psychosurgery, lessons of the past. *M. Hariz*
09:15 Ethical aspects of modern DBS for psychiatric conditions – WSSFN guidelines. *B. Nuttin*
- 10:00 **COFFEE BREAK**
- 10:30 Neuronal circuits involved in psychiatric problems. *L. Cif*
11:00 OCD Fundamentals, clinical aspects and neurobiology. *F. Riquier*
11:30 How to define resistance in OCD and Major Depression. *K. Matthews*
- 12:00 **MEDTRONIC HANDS ON**
- 12:30 **LUNCH**
- 14:00 OCD: Neuroimaging in psychiatry. *B. Draganski*
14:30 DBS leads to better understanding of OCD. *L. Mallet*
- 15:30 **COFFEE BREAK**
- 16:00 Targets for OCD: clinical outcome. *R. Schuurman & S. Chabardes*
17:00 Long term results of DBS in OCD. *B. Nuttin*
17:30 Electrical fields: macro and micro recordings psychiatry. *E. Pralong*
- 18:00 **END OF SECOND DAY**

DAY 3**13 MAY 2015****NEUROSURGERY FOR PSYCHIATRIC DISORDERS**

- 08:00 Depression: Fundamentals, clinical aspects and neurobiology.
Pharmacotherapy and ECT. *J.F. Mall*
- 09:00 Targets for depression: clinical outcome. *J. Guridi*
- 10:00 **COFFEE BREAK**
- 10:30 Tourette syndrome: indications, targets and results. *G. Schechtmann*
11:15 Drug addiction, eating behaviour disorders: DBS challenges. *A. Gonçalves-Ferreira*
- 11:45 **ALPHA OMEGA HANDS ON**
- 12:15 **LUNCH**
- 13:30 Lesional surgery, the neurosurgeon perspective. *J.Regis*
14:00 Lesional surgery, the psychiatrist perspective. *K. Matthews*
- 14:30 **BOSTON SCIENTIFIC & BRAINLAB HANDS ON**
- 15:00 **COFFEE BREAK**
- 15:30 **EVALUATION**
- 16:30 **END OF THE COURSE**

CONGRESS VENUE :

HÔTEL AULAC

**Place de la Navigation 4 - 1006 Lausanne
Switzerland**

WE WOULD LIKE TO THANK

OUR SPONSORS FOR THEIR SUPPORT :



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